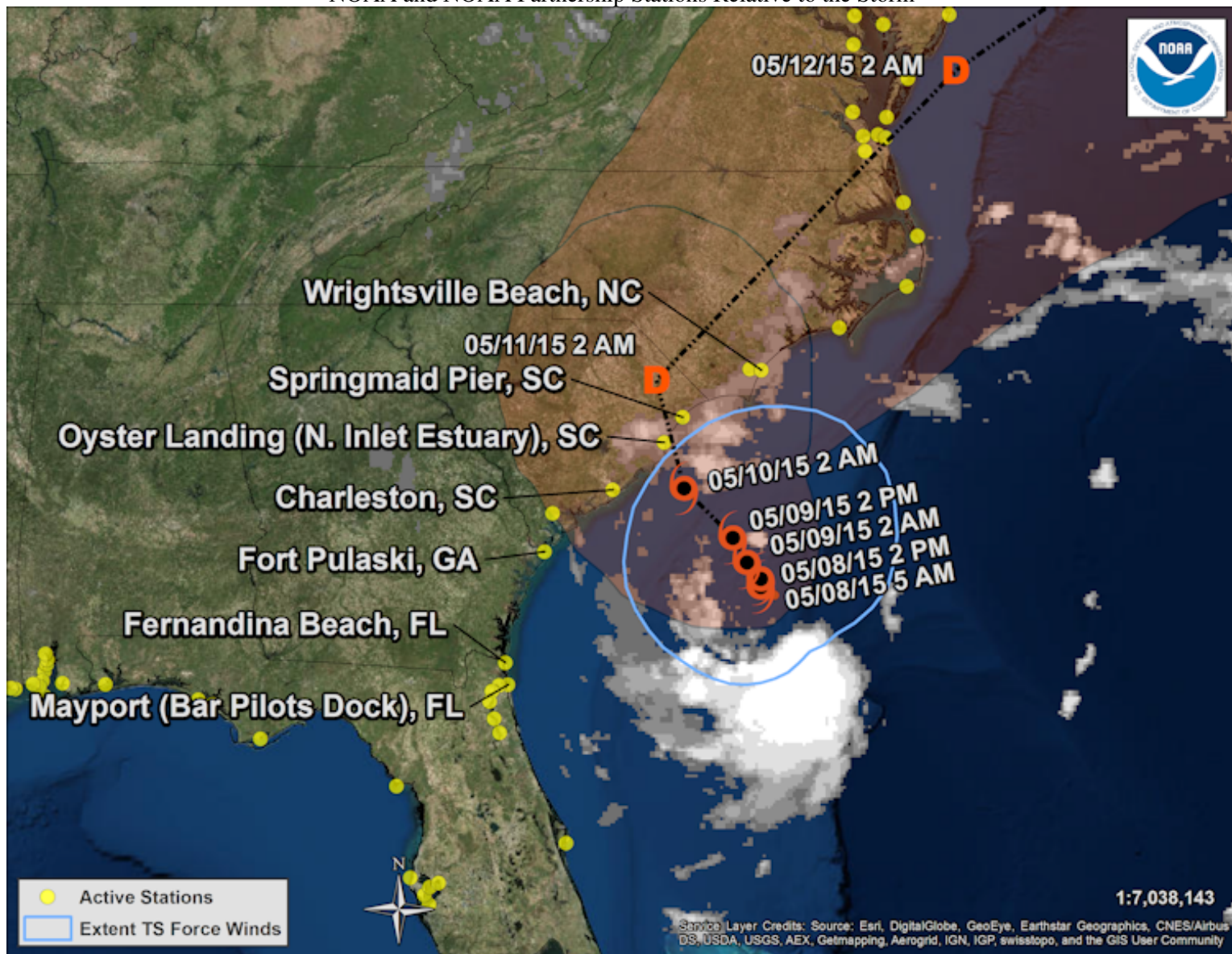




Subtropical Storm ANA QuickLook  
Posted: 06:00 EDT 05/08/2015

NOAA and NOAA Partnership Stations Relative to the Storm



### Storm Analysis

As of 05/08/2015 06:00 EDT, water levels from Florida's northeastern coast to North Carolina are slowly rising and range between 0.7 and 2.3 ft above tidal predictions. Winds are generally below 20 knots, but are beginning to increase along the South Carolina coast. Barometric pressure is gradually falling across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

BULLETIN

SUBTROPICAL STORM ANA ADVISORY NUMBER 2

NWS NATIONAL HURRICANE CENTER MIAMI FL

500 AM EDT FRI MAY 08 2015

...SUBTROPICAL STORM ANA CONTINUES TO DRIFT NORTH-NORTHWESTWARD TOWARD THE SOUTHEASTERN U.S. COAST...

WATCHES AND WARNINGS

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A TROPICAL STORM WATCH IS IN EFFECT FOR...

\* EDISTO BEACH SOUTH CAROLINA TO CAPE LOOKOUT NORTH CAROLINA

A TROPICAL STORM WATCH MEANS THAT TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA, GENERALLY WITHIN 48 HOURS. FOR STORM INFORMATION SPECIFIC TO YOUR AREA, INCLUDING POSSIBLE INLAND WATCHES AND WARNINGS, PLEASE MONITOR PRODUCTS ISSUED BY YOUR LOCAL NATIONAL WEATHER SERVICE FORECAST OFFICE.

DISCUSSION AND 48-HOUR OUTLOOK

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AT 500 AM EDT (0900 UTC), THE CENTER OF SUBTROPICAL STORM ANA WAS LOCATED ABOUT 160 MI...255 KM SSE OF MYRTLE BEACH SOUTH CAROLINA. THE STORM IS MOVING TOWARD THE NORTH-NORTHWEST NEAR 1 MPH (2 KM/H). A TURN TOWARD THE NORTHWEST WITH A SLIGHT INCREASE IN FORWARD SPEED IS EXPECTED OVER THE NEXT 48 HOURS.

MAXIMUM SUSTAINED WINDS ARE NEAR 45 MPH (75 KM/H) WITH HIGHER GUSTS. SOME SLIGHT STRENGTHENING IS FORECAST DURING THE NEXT DAY OR SO.

WINDS OF 40 MPH EXTEND OUTWARD UP TO 160 MILES (260 KM) FROM THE CENTER.

THE ESTIMATED MINIMUM CENTRAL PRESSURE IS 1004 MB (29.65 INCHES).

HAZARDS AFFECTING LAND

-----  
WIND...TROPICAL STORM CONDITIONS ARE POSSIBLE WITHIN THE WATCH AREA BY SATURDAY AFTERNOON OR EVENING.

RAINFALL...ANA IS EXPECTED TO PRODUCE RAINFALL ACCUMULATIONS OF 2 TO 4 INCHES OVER EASTERN PORTIONS OF NORTH CAROLINA AND SOUTH CAROLINA THROUGH THE WEEKEND.

SURF...SWELLS GENERATED BY ANA ARE AFFECTING PORTIONS OF THE SOUTHEASTERN U.S. COAST. THESE SWELLS ARE LIKELY TO CAUSE LIFE- THREATENING SURF AND RIP CURRENTS.

NEXT ADVISORY

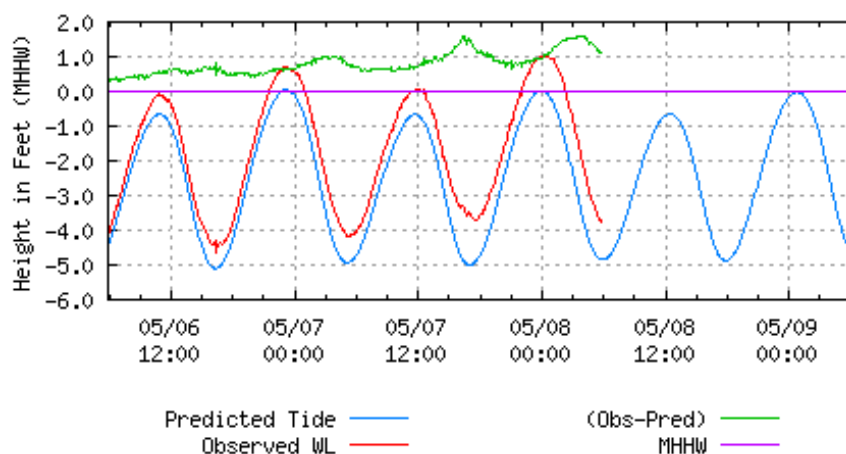
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FORECASTER STEWART

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Mayport \(Bar Pilots Dock\) - Water Level](#), [Mayport \(Bar Pilots Dock\) - Winds](#), [Mayport \(Bar Pilots Dock\) - Barometric](#), [Fernandina Beach - Water Level](#), [Fernandina Beach - Winds](#), [Fernandina Beach - Barometric](#), [Fort Pulaski - Water Level](#), [Fort Pulaski - Winds](#), [Fort Pulaski - Barometric](#), [Charleston - Water Level](#), [Charleston - Winds](#), [Charleston - Barometric](#), [Oyster Landing \(N Inlet Estuary\) - Water Level](#), [Springmaid Pier - Water Level](#), [Springmaid Pier - Winds](#), [Springmaid Pier - Barometric](#), [Wrightsville Beach - Water Level](#), [Wrightsville Beach - Winds](#)

Subtropical Storm ANA QuickLook, POSTED 06:00 EDT 05/08/2015

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



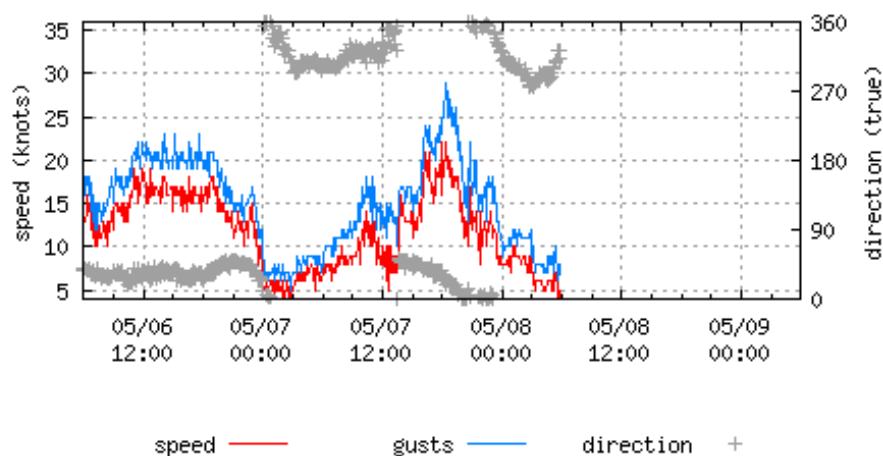
Last Observed Sample: 05/08/2015 05:48 (EDT). Data relative to MHHW

Observed: -3.75 ft. Predicted: -4.84 ft. Residual: 1.09 ft.

Historical Maximum Water Level: Sep 27 2004, 2.47 ft.

Next High Tide: 05/08/2015 12:26 (EDT), -0.65 ft.

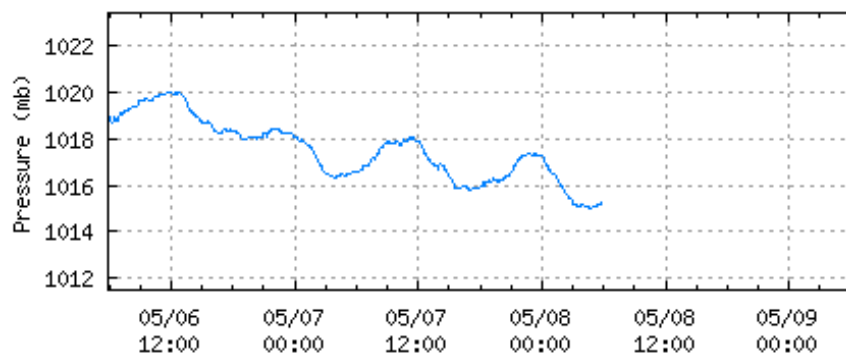
NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL  
Wind Speed / Gusts / Direction



Last Observed Sample: 05/08/2015 05:48 (EDT)

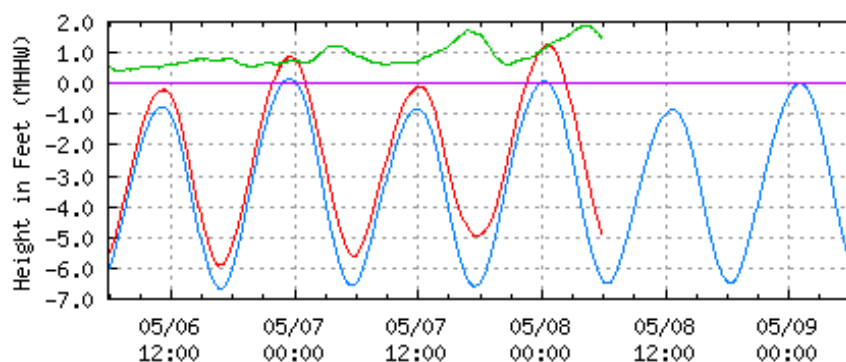
Wind Speed: 4 knots Gusts: 8 knots Direction: 324° T

NOAA/NOS/CO-OPS 8720218 Mayport (Bar Pilots Dock), FL  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 05/08/2015 05:48 (EDT)  
Barometric Pressure: 1015.3 mb

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 05/08/2015 05:48 (EDT). Data relative to MHHW

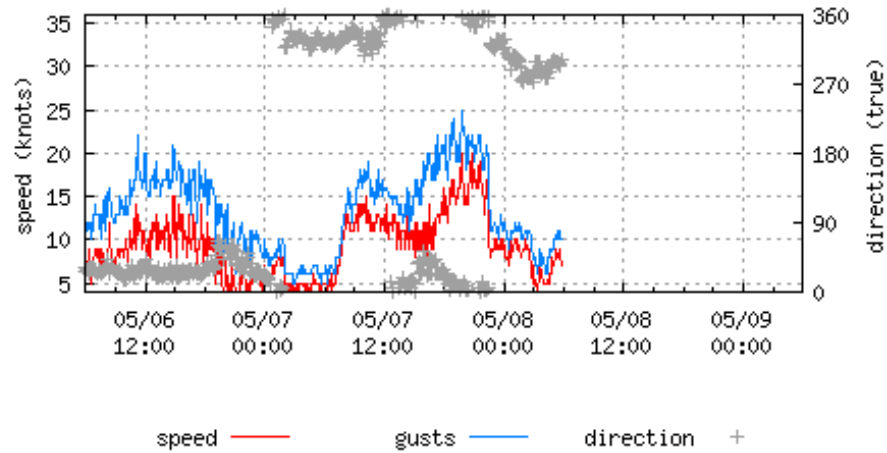
Observed: -4.89 ft. Predicted: -6.36 ft. Residual: 1.47 ft.

Historical Maximum Water Level: Oct 2 1898, 6.94 ft.

Next High Tide: 05/08/2015 12:39 (EDT), -0.85 ft.

NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL

Wind Speed / Gusts / Direction

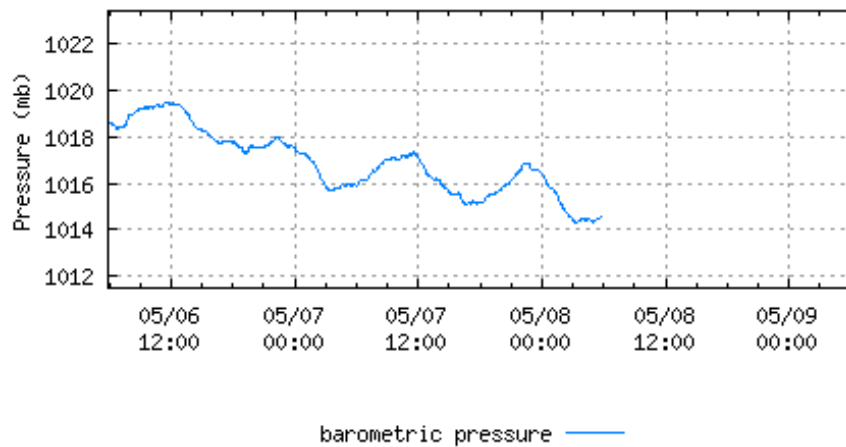


Last Observed Sample: 05/08/2015 05:48 (EDT)

Wind Speed: 7 knots Gusts: 10 knots Direction: 301° T

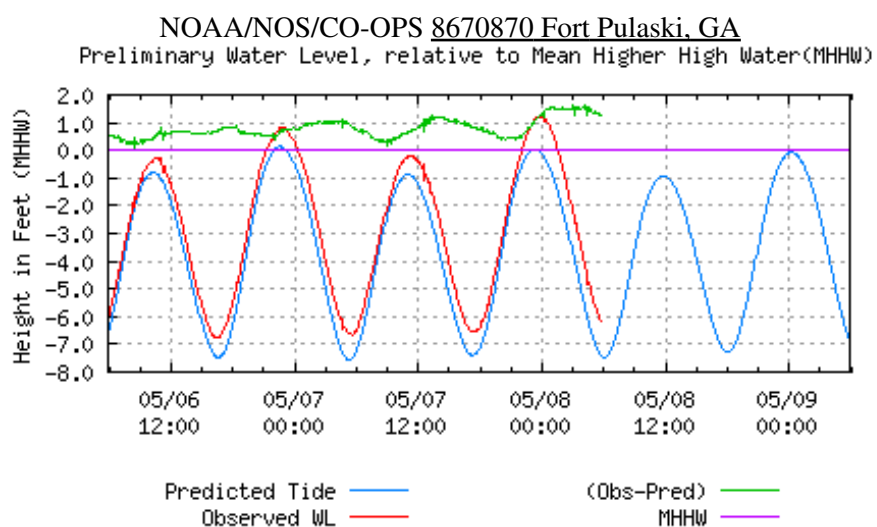
NOAA/NOS/CO-OPS 8720030 Fernandina Beach, FL

Barometric Pressure



Last Observed Sample: 05/08/2015 05:48 (EDT)

Barometric Pressure: 1014.6 mb

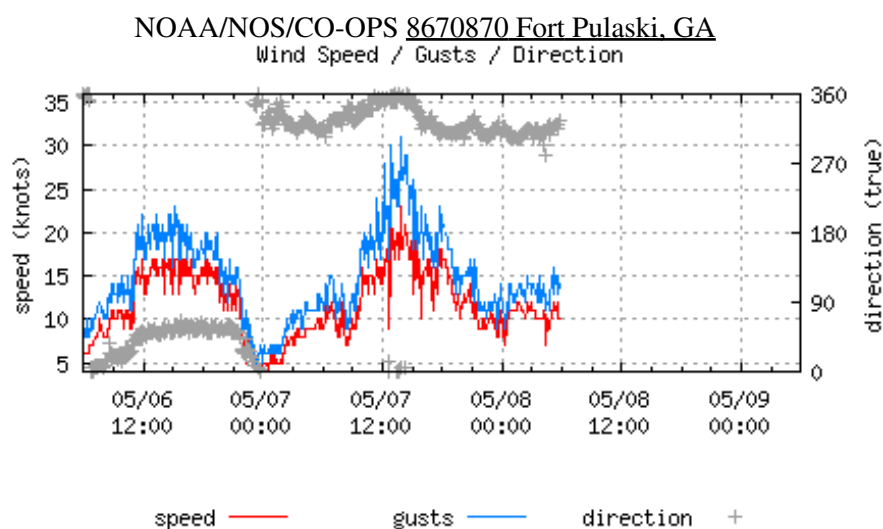


Last Observed Sample: 05/08/2015 05:42 (EDT). Data relative to MHHW

Observed: -6.15 ft. Predicted: -7.39 ft. Residual: 1.24 ft.

Historical Maximum Water Level: Oct 15 1947, 3.40 ft.

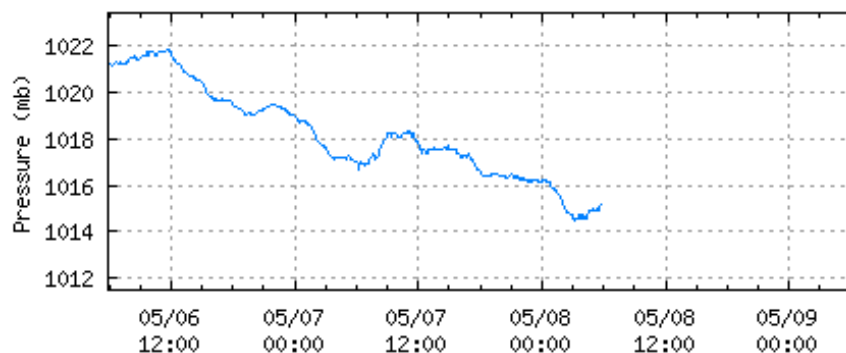
Next High Tide: 05/08/2015 11:48 (EDT), -0.93 ft.



Last Observed Sample: 05/08/2015 05:42 (EDT)

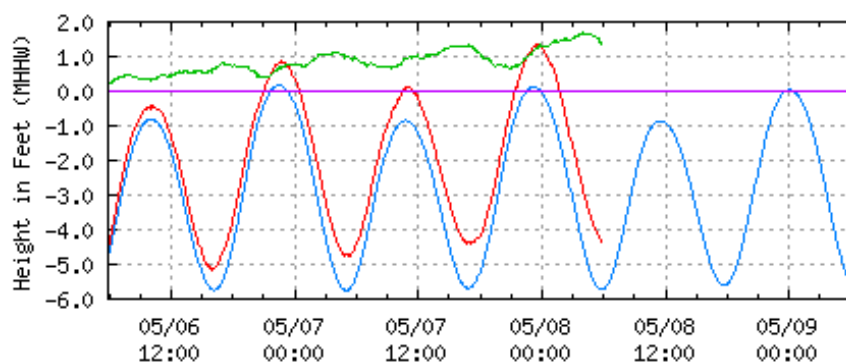
Wind Speed: 10 knots Gusts: 14 knots Direction: 326° T

NOAA/NOS/CO-OPS 8670870 Fort Pulaski, GA  
Barometric Pressure



barometric pressure —  
Last Observed Sample: 05/08/2015 05:42 (EDT)  
Barometric Pressure: 1015.2 mb

NOAA/NOS/CO-OPS 8665530 Charleston, SC  
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —  
Observed WL — MHHW —

Last Observed Sample: 05/08/2015 05:48 (EDT). Data relative to MHHW

Observed: -4.34 ft. Predicted: -5.72 ft. Residual: 1.38 ft.

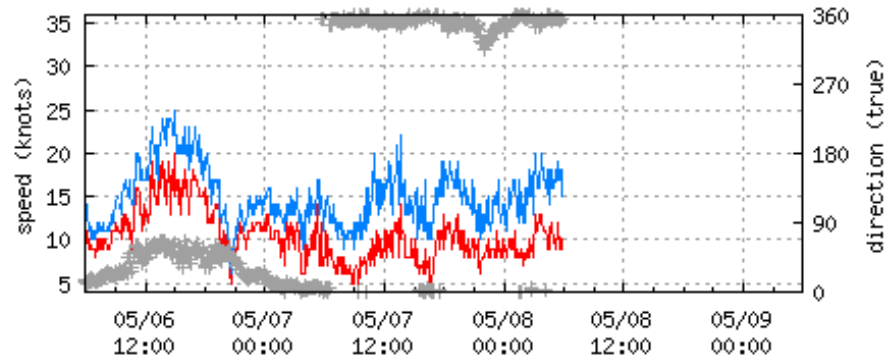
Historical Maximum Water Level: Sep 21 1989, 6.76 ft.

Next High Tide: 05/08/2015 11:32 (EDT), -0.87 ft.



NOAA/NOS/CO-OPS 8665530 Charleston, SC

Wind Speed / Gusts / Direction



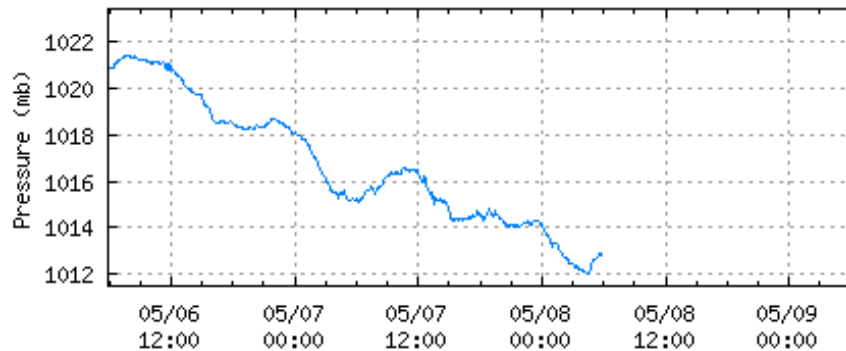
speed — gusts — direction +

Last Observed Sample: 05/08/2015 05:48 (EDT)

Wind Speed: 10 knots Gusts: 15 knots Direction: 355° T

NOAA/NOS/CO-OPS 8665530 Charleston, SC

Barometric Pressure

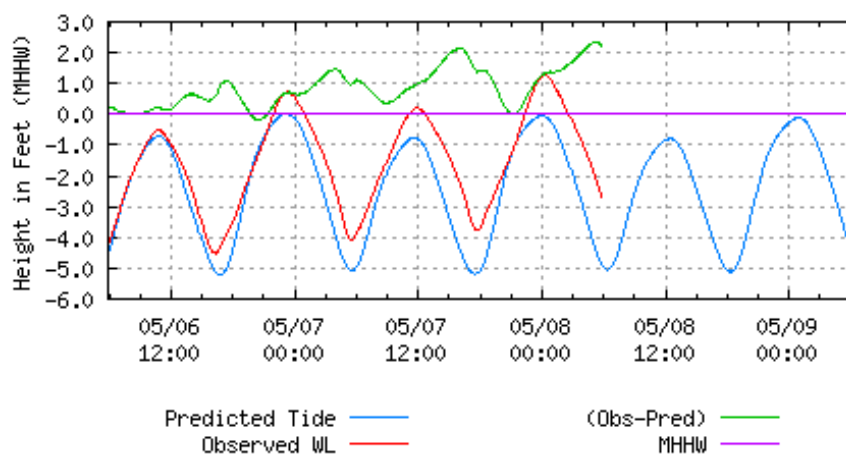


barometric pressure —

Last Observed Sample: 05/08/2015 05:48 (EDT)

Barometric Pressure: 1012.9 mb

NOAA/NOS/CO-OPS 8662245 Oyster Landing (N Inlet Estuary), SC  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



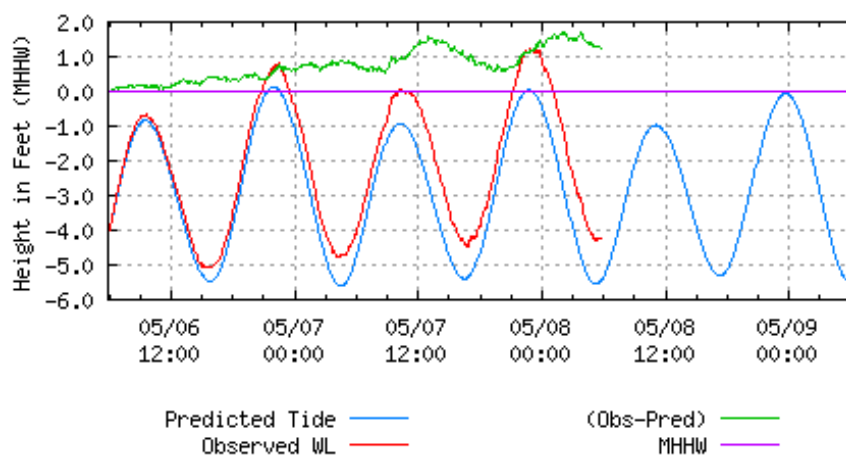
Last Observed Sample: 05/08/2015 05:48 (EDT). Data relative to MHHW

Observed: -2.68 ft. Predicted: -4.88 ft. Residual: 2.20 ft.

Historical Maximum Water Level: Aug 26 2011, 2.40 ft.

Next High Tide: 05/08/2015 12:26 (EDT), -0.80 ft.

NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC  
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Last Observed Sample: 05/08/2015 05:48 (EDT). Data relative to MHHW

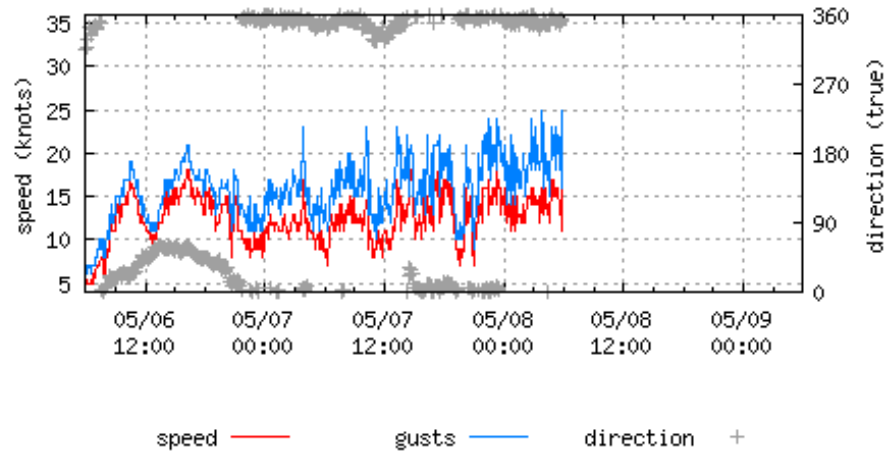
Observed: -4.22 ft. Predicted: -5.43 ft. Residual: 1.21 ft.

Historical Maximum Water Level: Jan 1 1987, 3.65 ft.

Next High Tide: 05/08/2015 11:06 (EDT), -0.97 ft.

NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC

Wind Speed / Gusts / Direction

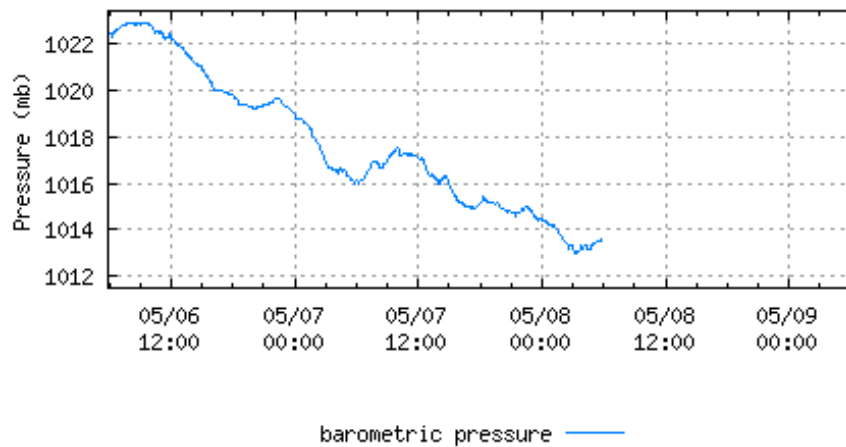


Last Observed Sample: 05/08/2015 05:48 (EDT)

Wind Speed: 11 knots Gusts: 16 knots Direction: 356° T

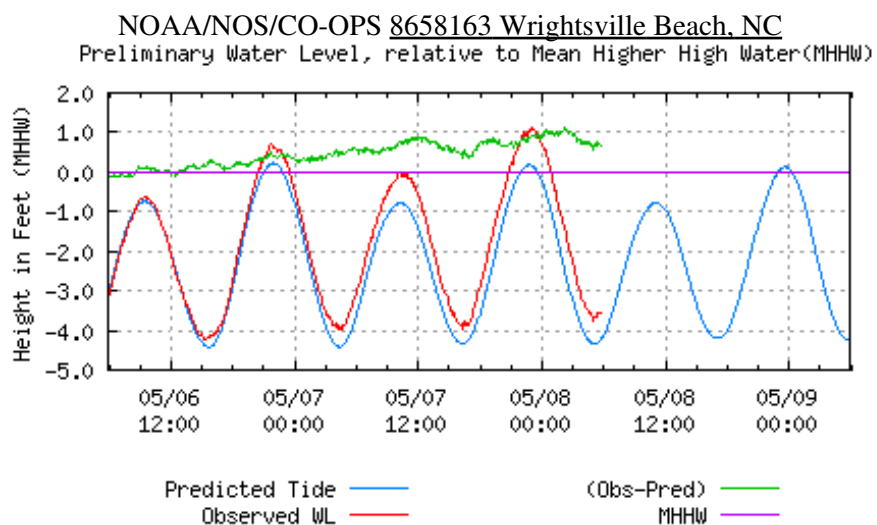
NOAA/NOS/CO-OPS 8661070 Springmaid Pier, SC

Barometric Pressure



Last Observed Sample: 05/08/2015 05:48 (EDT)

Barometric Pressure: 1013.6 mb

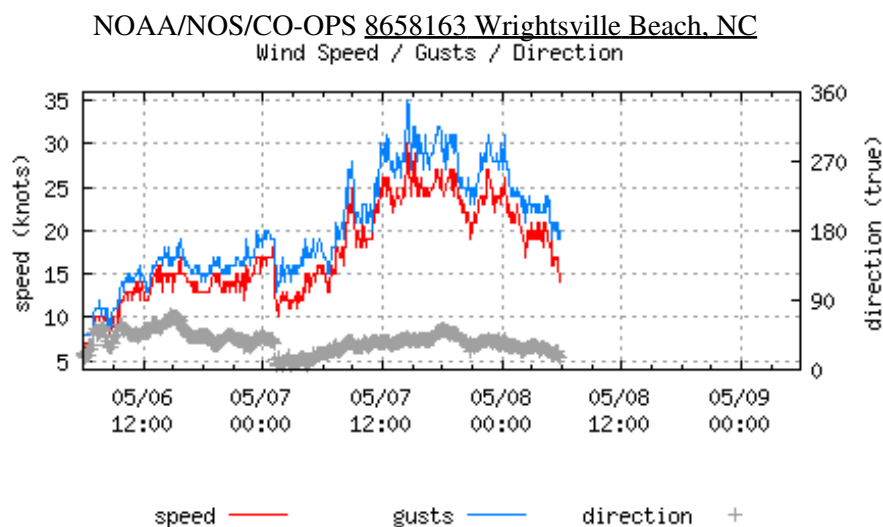


Last Observed Sample: 05/08/2015 05:48 (EDT). Data relative to MHHW

Observed: -3.56 ft. Predicted: -4.20 ft. Residual: 0.64 ft.

Historical Maximum Water Level: Sep 25 2008, 2.81 ft.

Next High Tide: 05/08/2015 11:07 (EDT), -0.78 ft.



Last Observed Sample: 05/08/2015 05:48 (EDT)

Wind Speed: 15 knots Gusts: 20 knots Direction: 16° T

Subtropical Storm ANA QuickLook, POSTED 06:00 EDT 05/08/2015

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8720218	Mayport (Bar Pilots Dock), FL	05/08/2015 05:48 (EDT)	-3.75 ft	-4.84 ft	1.09 ft	1.03 ft
8720030	Fernandina Beach, FL	05/08/2015 05:48 (EDT)	-4.89 ft	-6.36 ft	1.47 ft	1.25 ft
8670870	Fort Pulaski, GA	05/08/2015 05:42 (EDT)	-6.15 ft	-7.39 ft	1.24 ft	1.22 ft
8665530	Charleston, SC	05/08/2015 05:48 (EDT)	-4.34 ft	-5.72 ft	1.38 ft	1.37 ft
8662245	Oyster Landing (N Inlet Estuary), SC	05/08/2015 05:48 (EDT)	-2.68 ft	-4.88 ft	2.20 ft	1.27 ft
8661070	Springmaid Pier, SC	05/08/2015 05:48 (EDT)	-4.22 ft	-5.43 ft	1.21 ft	1.23 ft
8658163	Wrightsville Beach, NC	05/08/2015 05:48 (EDT)	-3.56 ft	-4.20 ft	0.64 ft	1.11 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce